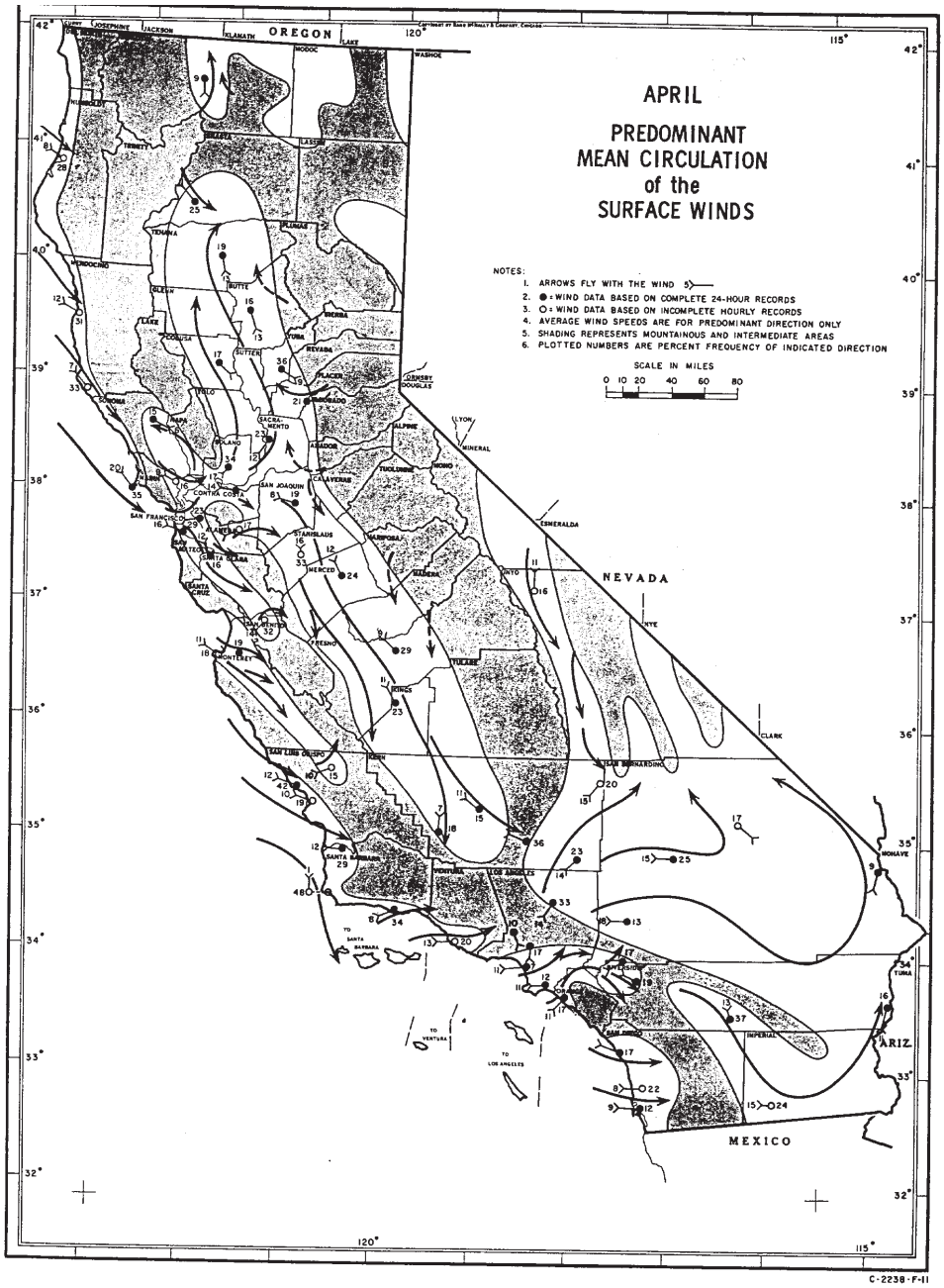
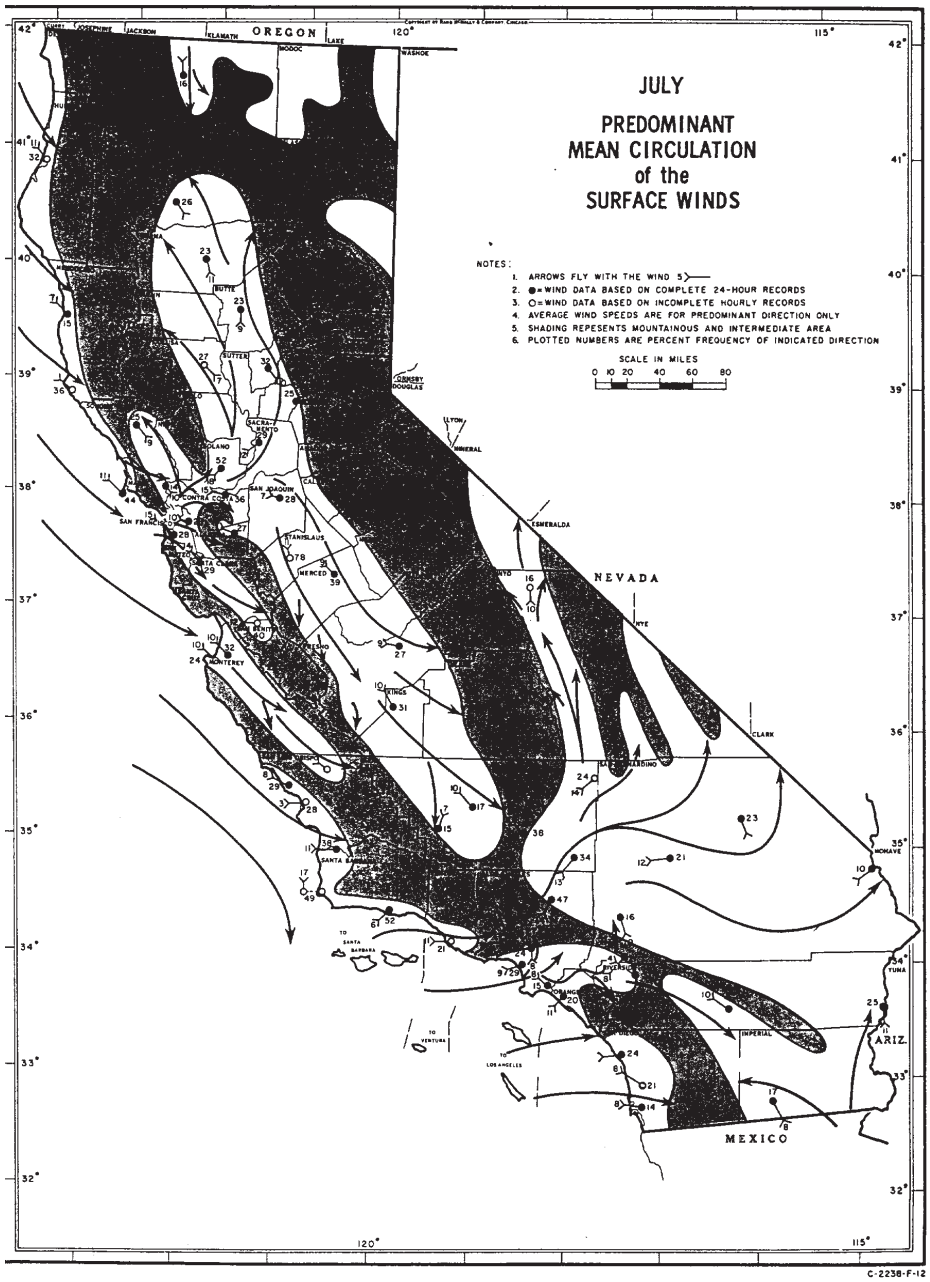
S:\Ladd\Burbank\Magnolia\301-107



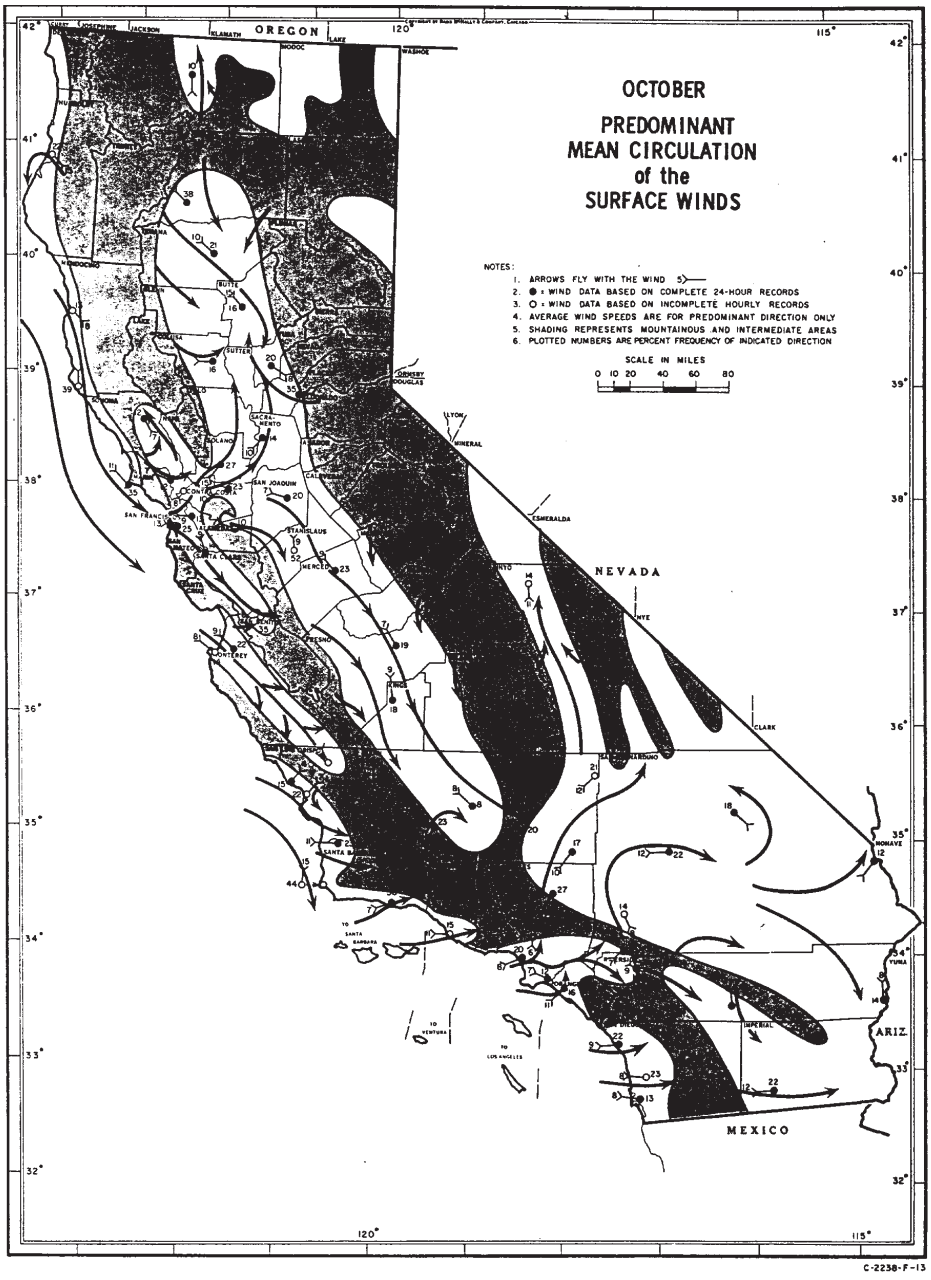
Magnolia Power Project	**Figure 5.2-2.** APRIL PREDOMINANT MEAN CIRCULATION OF THE SURFACE WINDS	March 2001

S:\Ladd\Burbank\Magnolia\301-108



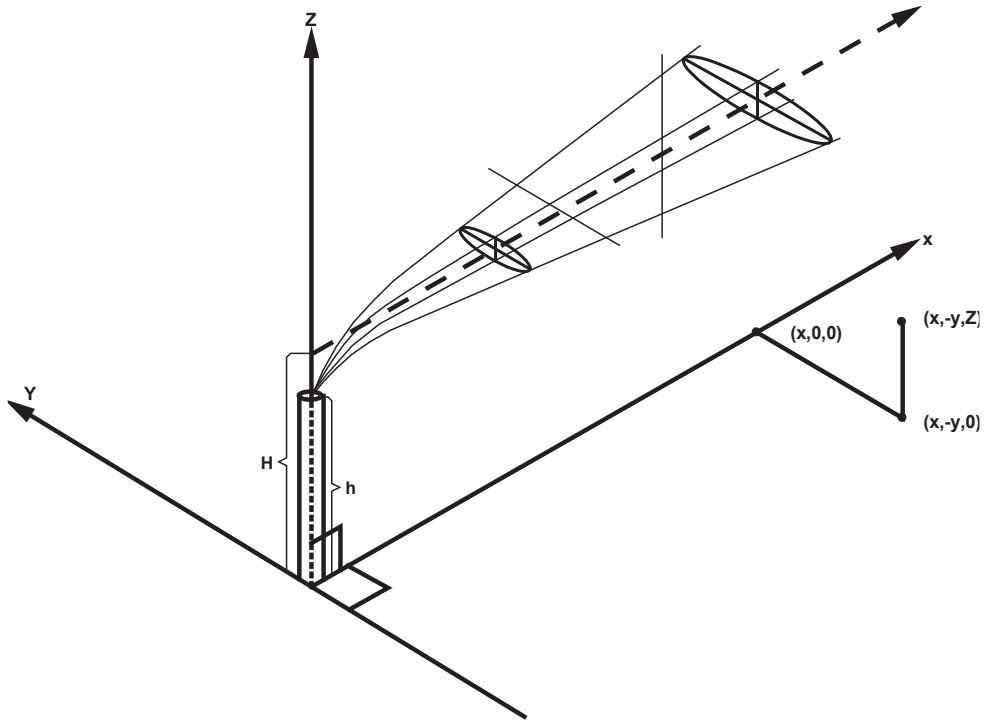
Magnolia Power Project	**Figure 5.2-3.** JULY PREDOMINANT MEAN CIRCULATION OF THE SURFACE WINDS	March 2001

S:\Ladd\Burbank\Magnolia\301-109



Magnolia Power Project	**Figure 5.2-4.** OCTOBER PREDOMINANT MEAN CIRCULATION OF THE SURFACE WINDS	March 2001

S:\Ladd\Burbank\Magnolia\301-110

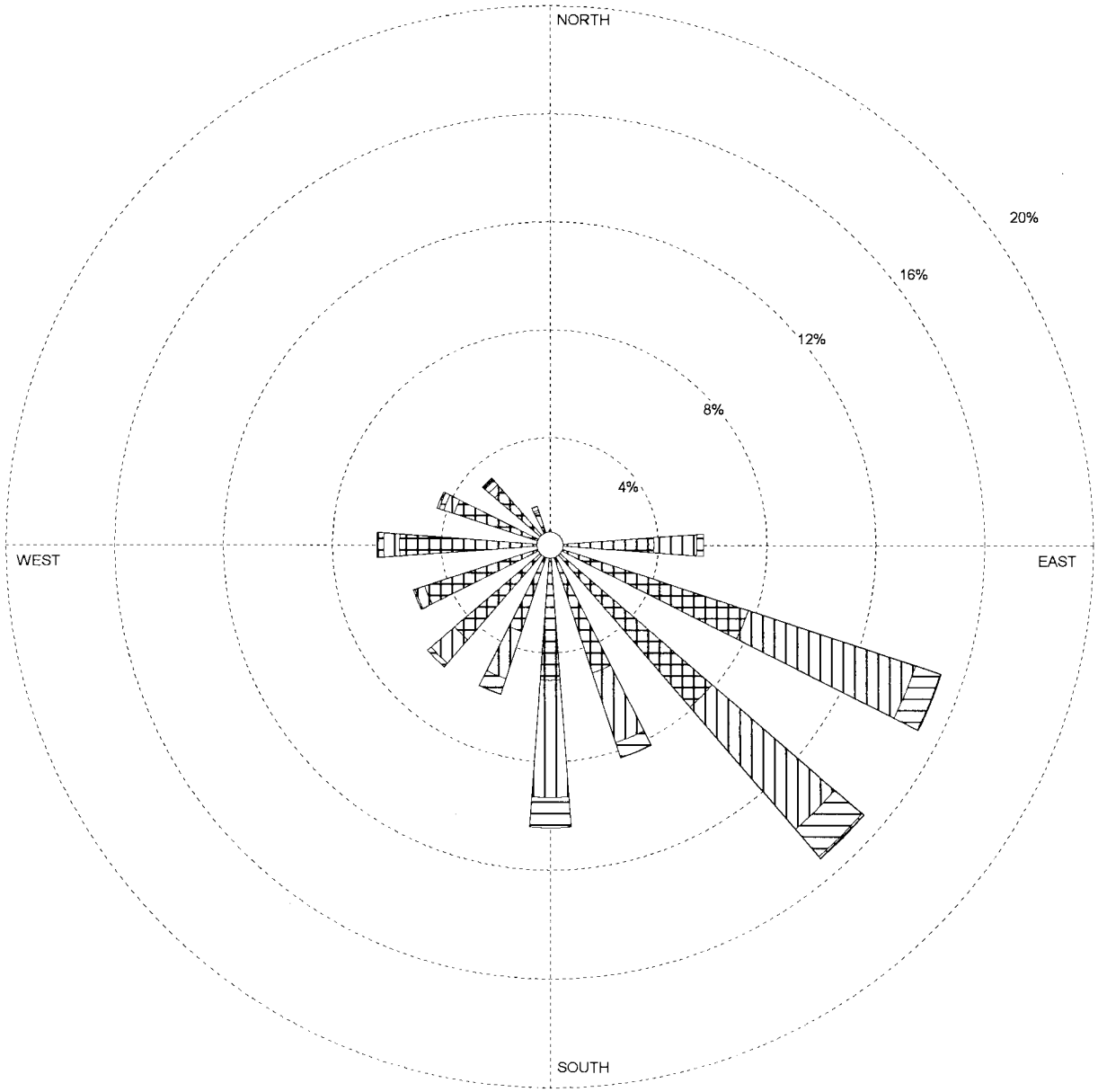


Coordinate system showing Gaussian distributions in the horizontal and vertical.

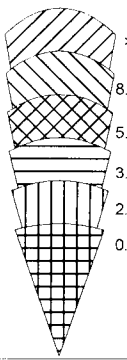
Magnolia Power Project	**Figure 5.2-5.** COORDINATE SYSTEM SHOWING GAUSSIAN PLUME DISTRIBUTIONS	March 2001

WIND ROSE PLOT

STATION #51100 - Burbank, CA

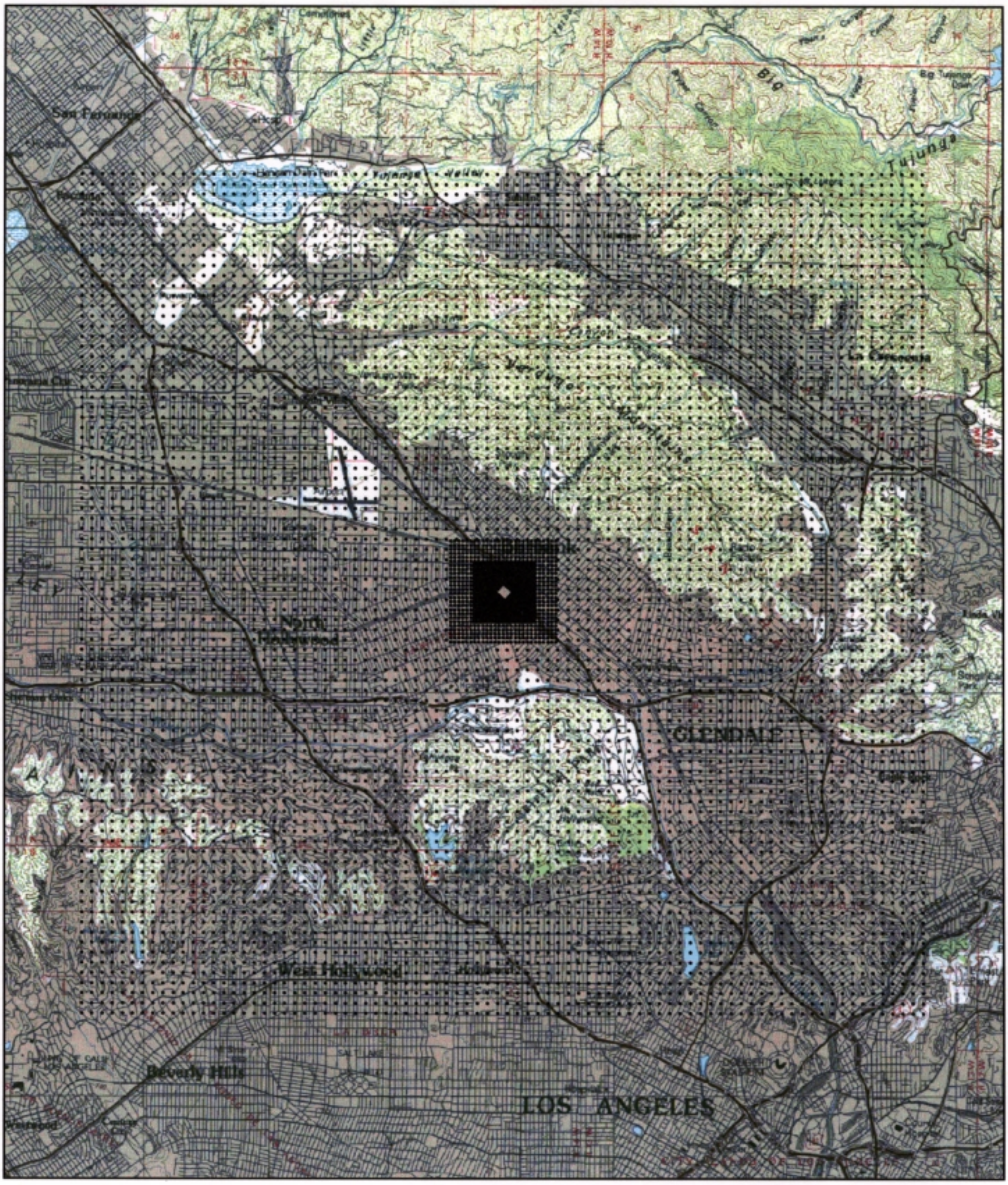


Wind Speed (m/s)



MODELER **vjh**	DATE **2/28/01**	**Magnolia Power Project**	
DISPLAY **Wind Speed**	UNIT **m/s**	COMMENTS **Annual Wind Rose**	
AVG. WIND SPEED **1.89 m/s**	CALM WINDS **10.14%**		
ORIENTATION **Direction (blowing from)**	PLOT YEAR-DATE-TIME **81** **January 1 - December 31** **Midnight - 11 PM**	PROJECT/PLOT NO. **Figure 5.2-6**	

WRPLOT View 2.22 by Lakes Environmental Software - www.lakes-environmental.com



Magnolia Power Project	**Figure 5.2-7:** Dispersion Modeling Receptor Grid	March 2001